



MATERIAL SAFETY DATA SHEET

NUMBER

598

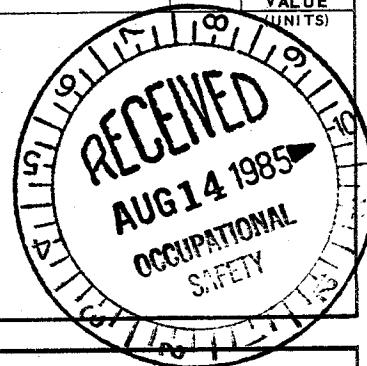
(Approved by U.S. Department of Labor as "essentially similar" to Form LSB-OOS-4)

SECTION I IDENTIFICATION OF PRODUCT

MANUFACTURER'S NAME	AMERICAN CYANAMID COMPANY	EMERGENCY TELEPHONE NO.	(201) 835-3100
ADDRESS	Old Post Road, Havre de Grace, Maryland, 21078		
TRADE NAME AND SYNONYMS	BR-154 Primer		
CHEMICAL NAME AND SYNONYMS	Epoxy resin formulation and pigment in methyl ethyl ketone		
CHEMICAL FAMILY	Epoxy resin	MOLECULAR FORMULA	Mixture

SECTION II HAZARDOUS COMPONENTS OF MIXTURES

COMPONENT	%	THRESHOLD LIMIT VALUE (UNITS)	COMPONENT	%	THRESHOLD LIMIT VALUE (UNITS)
Methyl ethyl ketone	80	200 parts per million.			



SECTION III PHYSICAL DATA

APPEARANCE AND ODOR	
Blue liquid with dispersion of yellow pigment; ketone odor	
BOILING POINT (DEGREES FAHRENHEIT)	175 (MEK)
SPECIFIC GRAVITY (WATER = 1)	About 0.85
VAPOR PRESSURE (MM. OF MERCURY)	70 at 20 C (MEK)
PERCENT VOLATILE (BY VOLUME)	About 80 by weight
VAPOR DENSITY (AIR = 1)	2.5 (MEK)
EVAPORATION RATE (BUTYL ACETATE = 1)	5.7 (MEK)
SOLUBILITY IN WATER	Appreciable
EVAPORATION RATE (ETHYL ETHER = 1)	Not applicable

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (SPECIFY METHOD) (DEGREES FAHRENHEIT)	24 Tag Open Cup	FLAMMABLE LIMITS (PERCENT BY VOLUME)	1.8 LOWER (MEK)	UPPER 10
FIRE-EXTINGUISHING MEDIA Dry chemical, carbon dioxide or foam; water spray may be ineffective				
SPECIAL FIRE-FIGHTING PROCEDURES Use water to keep fire-exposed containers cool				
UNUSUAL FIRE AND EXPLOSION HAZARDS None				

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READ THE BACK

SECTION V HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	Not applicable
EFFECTS OF OVEREXPOSURE	Prolonged or repeated contact may cause allergic skin reaction.
EMERGENCY AND FIRST AID PROCEDURES	Wash spills from skin promptly with soap and plenty of water.

SECTION VI REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID None
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)		No specific incompatibility	
HAZARDOUS DECOMPOSITION PRODUCTS		Thermal decomposition may produce carbon monoxide, and/or carbon dioxide.	
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID None
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Remove all sources of ignition. Cover with some inert absorbent material; sweep up and place in a waste disposal container. Flush area with water.	
WASTE DISPOSAL METHOD Incinerate or bury in a landfill	

SECTION VIII SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type) If concentration exceeds TLV, wear a respirator approved by the U.S. Bureau of Mines for organic vapors.			
VENTILATION	LOCAL EXHAUST	Preferable	SPECIAL None
	MECHANICAL (General)	Acceptable	OTHER None
PROTECTIVE GLOVES Rubber or plastic		EYE PROTECTION Splashproof goggles	
OTHER PROTECTIVE EQUIPMENT None			

SECTION IX SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING None	
OTHER PRECAUTIONS None	

SECTION X DATE AND SOURCE OF INFORMATION		
DATE March 7, 1973	NAME AND TITLE C. Boyd Shaffer, Ph.D. Director of Toxicology	SHEET NUMBER 598